

\*Substitute Specification\*

ABSTRACT OF THE DISCLOSURE

The high-speed centrifugal ventilation device for assisting a patient respiratory function includes a centrifugal fan which is arranged in a casing box and essentially has a wheel actuated by a driver. The wheel is provided with a volute connected to the casing box in such a way that an integral fixed assembly is formed. An elastic device is interposed between the fixed assembly and the driver provided with the wheel which is driven thereby. A dynamic assembly is formed for avoiding transmission of vibrations generated by the wheel and the driver towards the fixed assembly.